1. (Amended) A process for producing a polymeric actuator comprising an ion-exchange resin product and metal electrodes which are formed on the surface of the ion-exchange resin product and are insulated from each other, said actuator operating as an actuator by applying a potential difference between the metal electrodes when the ion-exchange resin product is in the water-containing state to allow the ion-exchange resin product to undergo bending or deformation,

wherein the following steps (i) to (iii) are repeatedly conducted to form the metal electrodes ranging from the surface of the ion-exchange resin product to the inside thereof;

(i) a step of allowing the ion-exchange resin product to adsorb a metal complex in an aqueous solution (adsorption step),

(ii) a step of reducing the metal complex adsorbed on the ion-exchange resin product by a reducing agent to deposit a metal on the surface of the ion-exchange resin product (deposition step), and

(iii) a step of washing the ion-exchange resin product having the deposited metal (washing step),

the number of cycles of the above steps is in the range of 4 to 9.

REMARKS

Claims 1-7 are pending in the application. Claims 2-7 are withdrawn from consideration. Claim 1, the sole claim being prosecuted, stands rejected.

The application has been amended. In particular, claim 1 has been amended to clarify that the adsorption, deposition, and washing steps are repeatedly conducted for a number of cycles in the range of 4 to 9. Support for this amendment can be found in the original application at page 19, lines 17-18. Accordingly, the amendment is not considered to